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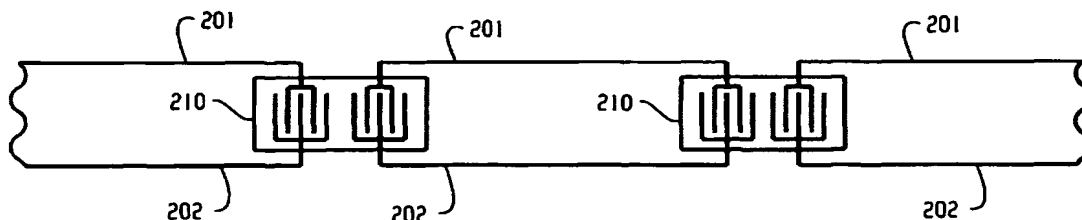
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(54) Title: **ELECTROACOUSTIC CABLE FOR MAGNETIC RESONANCE APPLICATIONS**



(57) Abstract: A transmission cable for use in a magnetic resonance apparatus is provided. The transmission cable includes a plurality of cable segments (200n). The cable also includes a plurality of couplers each of which transforms a first signal carried by a first cable segment into an acoustic signal and from the acoustic signal into a second signal carried by a second cable segment.

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